A Common Component Architecture Experience Report and Performance Study

Daniel S. Katz, E. Robert Tisdale, Charles D. Norton, Tom Cwik Jet Propulsion Laboratory California Institute of Technology {Daniel.S.Katz, E.Robert.Tisdale, Charles.D.Norton, cwik}@jpl.nasa.gov

This talk will report on recent effort by a group at JPL, which has not been previously involved in the Common Component Architecture (CCA) Forum, to componentize an application and a library. We will report on our experience as new users of the technology developed by the CCA Forum. We will closely examine the performance obtained by our componentized application/library and compare this with the performance of the basic application/library.

Daniel S. Katz Dani Jet Propulsion Laboratory California Institute of Technology Mail Stop 126-104 (8 4800 Oak Grove Drive

Pasadena, CA 91109-8099

Daniel.S.Katz@jpl.nasa.gov or d.katz@ieee.org gy or dsk@computer.org (818) 354-7359 (voice) (818) 393-6141 (fax) http://pat.jpl.nasa.gov/public/dsk/